

## **A uniqueness theorem for solution of one Dirichlet problem**

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### **Abstract**

We consider the Dirichlet problem in a four-dimensional domain formed by characteristic surfaces of an equation of the 8th order with the double major partial derivative. We state sufficient conditions for the unique solvability of this problem in terms of control coefficients, based on the method of a priori estimates. © Allerton Press, Inc., 2011.

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### **Keywords**

Dirichlet problem, Method of a priori estimates